



1870/2874

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yoshinobu MAEDA

Group Art Unit: 2874

Application No.: 10/532,422

Examiner: S. PAK

Filed: July 22, 2005

Docket No.: 123563

For: OPTICAL SIGNAL AMPLIFYING TRIODE AND OPTICAL SIGNAL TRANSFER METHOD, OPTICAL SIGNAL RELAY DEVICE, AND OPTICAL SIGNAL STORAGE DEVICE USING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. One or more reference cited herein was cited in a counterpart foreign application. An English language version of the foreign search report. See References 1-8.
- ☒ 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 3-5.

- ☒ 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 3-5.

Respectfully submitted,



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Date: April 20, 2007

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Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 123563		APPLICATION NO. 10/532,422	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Yoshinobu MAEDA			
				FILING DATE July 22, 2005		GROUP 2874	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
	1	2002/0181831	12/05/2002	MYERS et al.			
	2	5,264,960	11/23/1993	GLANCE			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
	3	JP-A-2003-005240	01/08/2003	JAPAN	XX	XX	
	4	JP-A-2002-262319	09/13/2002	JAPAN	XX	XX	
	5	JP-A-2001-264825	09/26/2001	JAPAN	XX	XX	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
	6	Chelles et al., "Extinction Ratio of Cross-Gain Modulated Multistage Wavelength Converters: Model and Experiments," <u>IEEE Photonics Technology Letters</u> , Vol. 9, No. 6, pp. 758-760, June 1997.					
	7	Maeda et al., "All-Optical Triode Based on a Tandem Wavelength Converter Using Reflective Semiconductor Optical Amplifiers," <u>IEEE Photonics Technology Letters</u> , Vol. 15, No. 2, pp. 257-259, February 2003.					
	8	Maeda, "All-Optical Triode Using Dual-Stage Wavelength Converter in Erbium-Doped Fiber Amplifiers," <u>Jpn. J. Appl. Phys.</u> , Vol. 41, Part 1, No. 7B, pp. 4828-4830, July 2002.					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 20, 2007